

## **STIC Biotechnology Systems Branch**

### **RAW SEQUENCE LISTING** **ERROR REPORT**

**The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:**

Application Serial Number:

10/542,769

Source:

PCT

Date Processed by STIC:

07-28-2005

**THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.**

**PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:**

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,**
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY**

**FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT  
MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221**

**TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.2.2 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:**

**<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>**

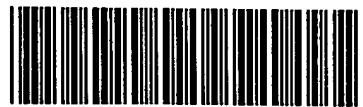
Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

- 1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm>), EFS Submission User Manual - ePAVE)**
- 2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450**
- 3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05):  
U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314**

Revised 01/24/05



PCT

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/10/542,769

DATE: 07/28/2005  
TIME: 15:56:56

Input Set : A:\PTO.RJ.txt  
Output Set: N:\CRF4\07282005\J542769.raw

3 <110> APPLICANT: Max-Planck-Gesellschaft zur Frderung der Wissenschaften  
5 <120> TITLE OF INVENTION: L-amino acid oxidase with cytotoxic activity from  
6 Aplysia punctata  
8 <130> FILE REFERENCE: 29644PWO\_2  
C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/542,769  
C--> 11 <141> CURRENT FILING DATE: 2005-07-20  
13 <150> PRIOR APPLICATION NUMBER: EP03001232.2  
14 <151> PRIOR FILING DATE: 2003-01-20  
16 <150> PRIOR APPLICATION NUMBER: EP03026613.4  
17 <151> PRIOR FILING DATE: 2003-11-19  
19 <160> NUMBER OF SEQ ID NOS: 72  
21 <170> SOFTWARE: PatentIn Ver. 2.1

(PG-2)

RECD REC'D /  
CORRECTION/AMENDMENT  
(PG-1)

## ERRORED SEQUENCES

1384 <210> SEQ ID NO: 42  
1385 <211> LENGTH: 462  
1386 <212> TYPE: DNA  
1387 <213> ORGANISM: Aplysia  
1389 <400> SEQUENCE: 42  
E--> 1390 taccgcccccc gccaccactm 00 60  
E--> 1391 gttcaacgtg ganaagaat tcgaagggtc cagaatcgtg agtttcaagc tcatccgcct 120  
E--> 1392 gttcaacacagg t0caagaagt gcaagaaaq0ccagtattcc gtgtctggcg atgatgagga 180  
E--> 1393 qnattcggt gtcagtgggt gttctggcgt gttccaggtm 00 tgctacgaag aacaaacggc 240  
E--> 1394 gccccgtaca aconzcacag aagccccgaa gccagagccca agaagaccca agaggaaaaaa 300  
E--> 1395 tttcccaatc aaatttngta aacactgatg ggttaatntg acgaccagtg cgtctgcgaa 360  
1396 agaatcatgt tatggttcat gatgtcatgc tcttaatata ggttgtaacg tttaacgcga 420  
1397 tacagacatt aaaactcatt gttcaaaaaa aaaaaaaaaa aa 462

pls explain "n"  
location pls see also  
explanation pg-2

The type of errors shown exist throughout  
the Sequence Listing. Please check subsequent  
sequences for similar errors.

VARIABLE LOCATION SUMMARY  
PATENT APPLICATION: US/10/542,769

DATE: 07/28/2005  
TIME: 15:56:57

Input Set : A:\PTO.RJ.txt

Output Set: N:\CRF4\07282005\J542769.raw

Use of n's or Xaa's (NEW RULES):

Use of n's and/or Xaa's have been detected in the Sequence Listing.

Use of <220> to <223> is MANDATORY if n's or Xaa's are present.

in <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.

Seq#:42; N Pos. 20,21,58,73,132,150,182,220,254,317,338

Seq#:43; Xaa Pos. 7,8,20,25,44,50,58,59,61,74,85,106,107,112,113,132,133

Seq#:43; Xaa Pos. 137,145

Seq#:44; Xaa Pos. 7,19,24,44,50,61,73,85,106,109,113,127,138

Seq#:45; Xaa Pos. 6,7,19,24,33,44,50,60,73,84,105,112,113,133

Seq#:49; Xaa Pos. 3

Seq#:51; Xaa Pos. 5

Seq#:59; N Pos. 17

Seq#:63; N Pos. 24,25,29,30,34,35

*Error Explanation*

## VERIFICATION SUMMARY

PATENT APPLICATION: US/10/542,769

DATE: 07/28/2005

TIME: 15:56:57

Input Set : A:\PTO.RJ.txt

Output Set: N:\CRF4\07282005\J542769.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application Number  
L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:432 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:3  
L:856 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:7  
L:1390 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:42  
M:340 Repeated in SeqNo=42  
L:1411 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:43 after pos.:0  
M:341 Repeated in SeqNo=43  
L:1454 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:44 after pos.:0  
M:341 Repeated in SeqNo=44  
L:1497 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:45 after pos.:0  
M:341 Repeated in SeqNo=45  
L:1579 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:49 after pos.:0  
L:1606 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:51 after pos.:0  
L:1722 M:258 W: Mandatory Feature missing, <221> Tag not found for SEQ ID#:59  
L:1722 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:59  
L:1722 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:59 after pos.:0  
L:1777 M:258 W: Mandatory Feature missing, <221> Tag not found for SEQ ID#:63  
L:1777 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:63  
L:1777 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:63 after pos.:0